

AMENDMENTS TO THE SPECIFICATION

IN THE WRITTEN DESCRIPTION:

Please amend the paragraph beginning at page 62, line 2 (to page 64, line 3) as follows:

Each of unit cells 19 has a width of 2,400 mm and a height of 1,280 mm. The anode compartment of the unit cell has an inside thickness of 34 mm (wherein the inside thickness means the distance between the inside surface of the anode and the back-side inner wall (inside surface of wall 1) of the anode compartment). The cathode compartment of the unit cell has an inside thickness of 22 mm (wherein the inside thickness means the distance between the inside surface of the cathode and the back-side inner wall (inside surface of wall 1) of the cathode compartment). The unit cell has a current flowing area of 2.7 m^2 . Anode-side gas-liquid separation chamber 27 has a length of 2,362 mm, a height (H) of 86 mm, a width of 30 mm, a cross-sectional area of 25.8 cm^2 . Cathode-side gas-liquid separation chamber 27 has a length of 2,362 mm, a height of 86 mm, a width of 18 mm, a cross-sectional area of 15.48 cm^2 . Of the anode-side and cathode-side gas-liquid separation chambers, only anode-side gas-liquid separation chamber 27 has a structure as shown in Fig. 2. Anode-side gas-liquid separation chamber 27 having such structure was produced in the following manner. First,

a titanium plate (having no aperture) having a length which was the same as the entire length of the gas-liquid separation chamber, a height (H') of 50 mm and a thickness of 1 mm was provided, and a longitudinal edge of the titanium plate was fixed by welding to perforated bottom wall 4A (having localized perforation 5) of anode-side gas-liquid separation chamber 27 along the entire length of the gas-liquid separation chamber so that the width (W) of a first passage A would become 5 mm. Then, there was provided titanium expanded metal 2 having an opening area ratio of about 5949 % and a thickness of 1 mm (wherein titanium expanded metal 2 was a perforated plate having rhombic openings at a density of 35 openings relative to 10 cm^2 , wherein each opening had a vertical diagonal length of 4 mm and a horizontal diagonal length of 7 mm). Titanium expanded metal 2 was vertically fixed by welding to the upper edge of the above-mentioned titanium plate (fixed to perforated bottom wall 4A) so that titanium expanded metal 2 vertically extended from the upper edge of the titanium plate to the upper end of anode-side gas-liquid separation chamber 27 along the entire length of the gas-liquid separation chamber. Thus, by using bubble removing partition wall 3 (comprising the titanium plate and perforated plate 2), anode-side gas-liquid separation chamber 27 was partitioned into a first passage A formed on bottom wall 4A in a perforated area thereof (having localized perforation

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5) and a second passage B formed on bottom wall 4A in a non-perforated area thereof.